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***Via Electronic Mail***

June 15, 2017

Mrs. Leslie Blake  
Remedial Project Manager  
U.S. EPA Region V  
Superfund Division (SR-6J)  
77 W. Jackson Blvd.  
Chicago, IL 60604-3590

**Reference: Gary Development Landfill Superfund Site, Gary, Indiana  
Administrative Settlement Agreement and Order on Consent for the  
Remedial Investigation/Feasibility Study,  
CERCLA Docket No. V-W-14-C-004  
May 2017 Monthly Progress Report #037**

Dear Mrs. Blake:

In fulfillment of the requirements of Section IX, Paragraph 32, of the Administrative Settlement Agreement and Order on Consent for the Remedial Investigation/Feasibility Study, CERCLA Docket No. V-W-14-C-004, the Respondents are submitting the May 2017 monthly progress report.

Should you have any questions or comments, please contact Mr. Mike Samples, or me, at (865) 691-5052.

Sincerely,  
***de maximis, inc.***

  
Bennie L. Underwood  
Project Coordinator

BLU/MHS  
Enclosure

cc: (via e-mail)

Stephanie Andrews, IDEM  
Jeff Cahn, Esq., EPA  
David Rieser, Esq., K&L Gates  
Mike Samples, *de maximis*  
Mark Raybuck, Parsons  
GDL Technical Committee

## MONTHLY PROGRESS REPORT - #037

**PROJECT NAME:** Gary Development Landfill Superfund Site

**PERIOD COVERED:** May 2017

### **A. ACTIONS TAKEN TOWARD COMPLIANCE WITH THE SETTLEMENT AGREEMENT**

- In a letter dated May 12, 2017, and based on two rounds of groundwater data, the Gary Development Landfill Site Group (Respondents) provided the United States Environmental Protection Agency (EPA) with a proposal to discontinue hexavalent chromium analysis in future groundwater sampling events. In a response dated May 15, 2017, EPA indicated that two additional rounds of data would be necessary before considering this request.
- The fourth water level gauging event was performed by the Respondents Contractor (Parsons) on May 18, 2017. During this event, approximately 10 feet of liquid waste was apparently observed at location GP08B, based on interface probe readings. During a conversation between EPA and the Respondents on May 24, 2017, the Respondents proposed that the liquid waste be bailed, and the location re-evaluated. With EPA's agreement, an attempt to bail GP08B was made on May 25, 2017. However, only 0.01 feet of liquid waste was observed in a clear bailer (floating on top of the water). Previous readings with the interface probe were incorrect and likely due to contact of the probe with liquid waste smear on the inside of the 1-inch diameter well pipe.
- On May 18, 2017, in coordination with the Grand Trunk Western Railroad Company (Railroad), off-Site waste delineation activities were performed on the eastern side of the Site.
- On May 24 and 25, 2017, the liquid waste delineation work was successfully performed in accordance with the Respondents' memorandum dated March 24, 2017, incorporating EPA's comments dated March 31, 2017. A total of 16 test pits were conducted to confirm the extent of liquid waste. A report of the work conducted with results is in progress.
- In a transmittal dated May 26, 2017, pursuant to Section 3.8 of the Remedial Investigation / Feasibility Study Work Plan (RI/FS WP), the human health and ecological risk assessment approach memorandum was provided to EPA for approval.



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## **B. SAMPLING AND TESTING ACTIONS AND RESULTS**

- Results of the March 2017 groundwater sampling event (i.e., second quarter event) were provided to EPA via electronic submission dated June 5, 2017.
- Results from a March 2017 soil sample collected during the installation of groundwater monitoring well MW04S was provided to EPA in the June 5, 2017 transmittal referenced above.
- A liquid waste delineation sample was collected from Test Pit TP52 and submitted to TestAmerica for analysis on May 25, 2017.

## **C/D. WORK PLANNED FOR NEXT TWO MONTHS AND SCHEDULE OF SIGNIFICANT ACTIVITIES / DELIVERABLES**

- Implementation of the remaining waste boundary delineation activities (hand borings south of test pit TP19) is scheduled for June 2017.
- With most of the RI field work complete, and consistent with correspondence between EPA and the Respondents dated May 10 and 11, 2017, the Respondents will demobilize the office and equipment trailers from the Site.
- Receive EPA approval of the human health and ecological risk assessment approach memorandum, dated May 26, 2017, and initiate RI Report risk assessment development.
- Evaluate the management of materials identified during the building inspection, and propose appropriate handling to EPA.
- The third quarter groundwater sampling event and the fifth water level gauging events are tentatively scheduled for early July 2017.
- The sixth water level gauging events is tentatively scheduled for late August 2017.
- The fourth, and final, quarter groundwater sampling event and the seventh water level gauging events are tentatively scheduled for early October 2017.

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**E. CHANGES IN RI/FS WORK PLANS OR ACTIVITIES**

- None.

**F. ENCOUNTERED / ANTICIPATED DELAYS**

- None.

**G. COMMUNITY RELATIONS ACTIVITIES**

- None.